

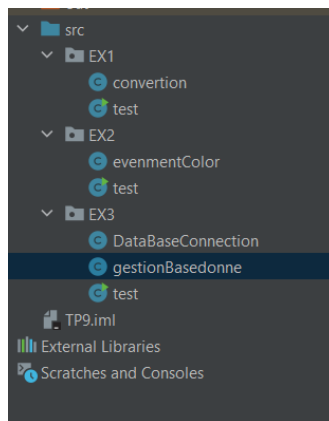
ESTM

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TP Java N° 9

G.I

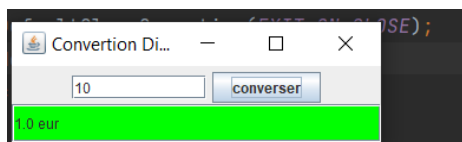
2021-2022



EXERCICE 1 :

```
package EX1;
import javax.swing.*;
import java.awt.*;

public class Conversion extends JFrame{
    private JPanel pane = new JPanel();
    JButton btConv = new JButton( text: "converser");
    JTextField txtconv = new JTextField( columns: 10);
    JTextField Txtconver = new JTextField( columns: 20);
    public conversion() {
        this.setLayout(new GridLayout( rows: 2, cols: 1));
        pane.add(txtconv);pane.add(btConv);
        this.add(pane);
        Txtconver.setBackground(Color.GREEN);
        this.add(Txtconver);
        this.pack();
        this.setLocationRelativeTo(null);
        this.setTitle("Conversion Dirham -> EURO");
        this.setVisible(true);
        this.setDefaultCloseOperation(EXIT_ON_CLOSE);
        btConv.addActionListener(e -> {
            Double s=Double.parseDouble(txtconv.getText());
            Double produit = s/10;
            Txtconver.setText(produit+" eur ");
        });
    }
}
```

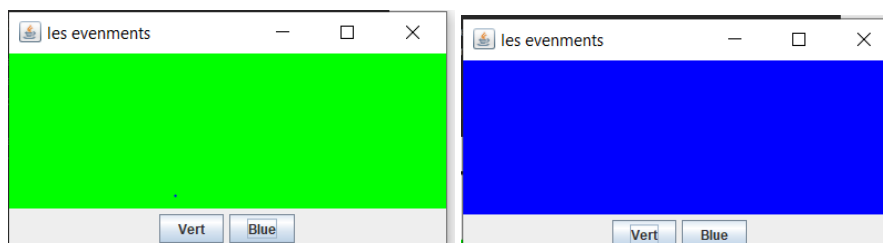


EXERCICE 2 :

```
package EX2;

import javax.swing.*;
import java.awt.*;

public class evenementColor extends JFrame{
    private JButton btVert = new JButton( text: "Blue");
    private JButton btblue = new JButton( text: "Vert");
    private JPanel panel =new JPanel();
    private JPanel panelc =new JPanel();
    public evenementColor(){
        this.setLayout(new BorderLayout());
        panel.add(btblue);panel.add(btVert);
        this.add(panel,BorderLayout.SOUTH);
        this.add(panelc);
        this.pack();
        this.setLocationRelativeTo(null);
        this.setTitle("les evenements");
        this.setVisible(true);
        this.setDefaultCloseOperation(EXIT_ON_CLOSE);
        btblue.addActionListener(e -> {
            panelc.setBackground(Color.BLUE);
        });
        btVert.addActionListener(e -> {
            panelc.setBackground(Color.GREEN);
        });
    }
}
```



EXERCICE 3 :

- La classe DbConnection

```
package EX3;
import java.sql.Connection;
import java.sql.DriverManager;

public class DataBaseConnection {
    private static Connection conx=null;
    private static String
        db_user="root",
        db_pwd="",
        DB_URI="jdbc:mysql://localhost:3060/java_test";

    public static Connection getConnection(){
        if(conx== null){
            try{
                Class.forName("com.mysql.jdbc.Driver");
                conx = DriverManager.getConnection(DB_URI,db_user,db_pwd);
            } catch (Exception e) {
                e.printStackTrace();
            }
            // return la connection
            return conx;
        }else {
            return conx;
        }
    }
}
```

- La classe gestionBasedonne

```
package EX3;
import javax.swing.*;
import javax.swing.text.MaskFormatter;
import java.awt.*;
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.text.ParseException;

public class gestionBasedonne extends JFrame {
    private JLabel lblNom=new JLabel( text: "NOM");
    private JLabel lblPrenom=new JLabel( text: "PRENOM");
    private JLabel lblDate=new JLabel( text: "DATE_INSCRIPTION");
    private JLabel lblTel=new JLabel( text: "Telephone");
    private JLabel lbllogin=new JLabel( text: "Login");
    private JLabel lblmotdepasse=new JLabel( text: "MOT DE PASSE");
    private JLabel lblmontant=new JLabel( text: "MONTANT A PAYER");
    private JLabel sex = new JLabel( text: "sex");
    private JLabel lblHomme = new JLabel( text: "HOMME");
    private JLabel lblfemme = new JLabel( text: "femme");
    private JLabel lbladresse = new JLabel( text: "Adresse");
    private JTextField txtnom=new JTextField( columns: 10);
    private JTextField txpprenom=new JTextField( columns: 10);
    private JTextField txtlogin = new JTextField( columns: 10);
    private JFormattedTextField txtdate=new JFormattedTextField( value: "Le ##/##/## à ##:##:##");
    private JFormattedTextField txttele=new JFormattedTextField(new MaskFormatter("0#.#.#.#.#"));
    private JFormattedTextField txtmontant=new JFormattedTextField(new MaskFormatter("0#.# 0#"));
    private JPasswordField txtpassword = new JPasswordField( columns: 10);
    private JTextField txtadresse=new JTextField( columns: 100);
}
```

```

private JCheckBox tennis = new JCheckBox( text: "tenis");
private JCheckBox squash = new JCheckBox( text: "squash");
private JCheckBox natation = new JCheckBox( text: "natation");
private JCheckBox athelisme = new JCheckBox( text: "athelisme");
private JCheckBox randonne = new JCheckBox( text: "randonne");
private JCheckBox foot = new JCheckBox( text: "foot");
private JCheckBox basket = new JCheckBox( text: "basket");
private JCheckBox volley = new JCheckBox( text: "volley");
private JCheckBox penalty = new JCheckBox( text: "penalty");

private JRadioButton btHomme = new JRadioButton();
private JRadioButton btFemme = new JRadioButton();
private JButton Ajouter = new JButton( text: "AJOUTER ENREG");
private JButton AJOUTTAB = new JButton( text: "AJOUTER UNE TABLE");
private JButton MODIFIER = new JButton( text: "MODIFIER");
private JButton SURP = new JButton( text: "SURPRIMER");
private JButton AFFICH = new JButton( text: "AFFICHER TABLE");
private JButton AFFICHS = new JButton( text: "AFFICHER AVEC PRE STA");
private JButton BtFermer = new JButton( text: "FERMER");

private JPanel paneleast = new JPanel();
private JPanel panecenter = new JPanel();
private JPanel panelsounth = new JPanel();
private JPanel paneint = new JPanel();

```

```

Connection conx=DataBaseConnection.getConnection();
public gestionBasedonne() throws ParseException {
    this.setLayout(new BorderLayout());
    paneleast.setLayout(new GridLayout( rows: 10, cols: 1));
    paneleast.add(tennis);paneleast.add(squash);
    paneleast.add(natation);paneleast.add(athelisme);
    paneleast.add(randonne);paneleast.add(foot);
    paneleast.add(basket);paneleast.add(volley);
    paneleast.add(penalty);
    this.add(paneleast,BorderLayout.EAST);
    panecenter.setLayout(new GridLayout( rows: 17, cols: 1));
    panecenter.add(lbNom);panecenter.add(txtnom);
    panecenter.add(lbPrenom);panecenter.add(txpprenom);
    panecenter.add(lbDate);panecenter.add(txtdate);
    panecenter.add(lbTel);panecenter.add(txttele);
    panecenter.add(lbllogin);panecenter.add(txlogin);
    panecenter.add(lblmotdepasse);panecenter.add(txtpassword);
    panecenter.add(lblmontant);panecenter.add(txtmantant);
    panecenter.add(lbadresse);panecenter.add(txtadresse);
    paneint.setLayout(new FlowLayout());
    paneint.add(sex);paneint.add(btHomme);paneint.add(lbHomme);
    paneint.add(btFemme);paneint.add(lbFemme);
    panecenter.add(paneint);
    this.add(panecenter,BorderLayout.CENTER);
}

```

```

this.add(panecenter,BorderLayout.CENTER);
panelsounth.setLayout(new FlowLayout());
panelsounth.add(Ajouter);panelsounth.add(AJOUTTAB);
panelsounth.add(MODIFIER);panelsounth.add(SURP);
panelsounth.add(AFFICH);panelsounth.add(AFFICHS);
panelsounth.add(BtFermer);
this.add(panelsounth,BorderLayout.SOUTH);
ActionLisnner();
this.pack();
this.setLocationRelativeTo(null);
this.setTitle("Gestion de base de donnee");
this.setVisible(true);
//this.setSize(new Dimension(100,800));
this.setDefaultCloseOperation(EXIT_ON_CLOSE);
}

```

```

public void ActionListener(){
    Ajouter.addActionListener(e -> {
        Statement statement= null;
        try {
            statement = conx.createStatement();
        } catch (SQLException ex) {
            ex.printStackTrace();
        }
        try {
            int sec= statement.executeUpdate( sql: "Insert into adherent values(" +txtnom.getText()+"," +txprenom.getText()+"," +
            txtdate.getText()+"," +txttele.getText()+"," +txtadresse.getText()+");");
            if (sec !=0){
                JOptionPane.showMessageDialog( parentComponent: this, message: "succes d insertion ",
                title: "Save", JOptionPane.INFORMATION_MESSAGE);
            }
        } catch (SQLException ex) {
            ex.printStackTrace();
        }
    });
}

```

```

AJOUTTAB.addActionListener(e -> {
    Statement statement= null;
    try {
        statement = conx.createStatement();
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
    try {
        int sec= statement.executeUpdate( sql: "Create table modifier (nom varchar(30) not null," +
        "prenom varchar (20) , date Date, tele varchar(30) , login varchar(20)" +
        "motpasse varchar(20),montant number , adresse varchar(30)");
        if (sec !=0){
            JOptionPane.showMessageDialog( parentComponent: this, message: "succes d insertion ",
            title: "Save", JOptionPane.INFORMATION_MESSAGE);
        }
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
});

```

```

MODIFIER.addActionListener(e -> {
    Statement statement= null;
    try {
        statement = conx.createStatement();
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
    String req="Update adherent set nom="+txtnom.getText()+",prenom="+txprenom.getText()+
    ",date="+ txtdate.getText()+",tel="+txttele.getText()+",adresse"
    +txtadresse.getText()+ " where nom="+txtnom.getText()
    + " ";
    int sec= 0;
    try {
        sec = statement.executeUpdate(req);
        if (sec !=0){
            JOptionPane.showMessageDialog( parentComponent: this, message: "succes de changement ",
            title: "Save", JOptionPane.INFORMATION_MESSAGE);
        }
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
});

```

```

SURP.addActionListener(e -> {
    Statement statement= null;
    try {
        statement = conx.createStatement();
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
    String req="Delete from adherent where nom =" +txtnom.getText();
    int sec= 0;
    try {
        sec = statement.executeUpdate(req);
        if (sec !=0){
            JOptionPane.showMessageDialog( parentComponent: this, message: "succes de surpression ",
            title: "Save", JOptionPane.INFORMATION_MESSAGE);
        }
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
});

```

```

AFFICH.addActionListener(e -> {
    Statement statement= null;
    try {
        statement = conx.createStatement();
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
    String req=" select * from adherent ";
    int sec= 0;
    try {
        sec = statement.executeUpdate(req);
        if (sec !=0){
            JOptionPane.showMessageDialog( parentComponent: this, message: "affichage avec succes",
                                           title: "Save", JOptionPane.INFORMATION_MESSAGE);
        }
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
});

```

```

AFFICH5.addActionListener(e-> {
    Statement statement= null;
    try {
        statement = conx.createStatement();
    } catch (SQLException ex) {
        ex.printStackTrace();
    }
    String req=" select * from adherent where nom="+txtnom.getText();
    int sec= 0;
    try {
        ResultSet resultSet= statement.executeQuery(req);
        txtnom.setText(resultSet.getString( columnLabel: "nom"));
        txprenom.setText( resultSet.getString( columnLabel: "prenom"));
        txtdate.setText(String.valueOf(resultSet.getDate( columnLabel: "Date")));
        txttele.setText(resultSet.getString( columnLabel: "tel"));
        txtlogin.setText( resultSet.getString( columnLabel: "login"));
        txtpassword.setText(resultSet.getString( columnLabel: "mtpasse"));
        txtadresse.setText(resultSet.getString( columnLabel: "adresse"));
    } catch (Exception ex) {
        ex.printStackTrace();
    }
});

```

```

BtFermer.addActionListener(e -> {
    System.exit( status: 0);
});
}

```

Gestion de base de donner	
NOM	<input type="checkbox"/> Tennis
EL MAALMI	<input checked="" type="checkbox"/> squash
PRENOM	<input type="checkbox"/> natation
AYOUB	<input type="checkbox"/> athlisme
DATE_INSCRIPTION	<input type="checkbox"/> randonne
16/12/20 12/02/20	
Telephone	
06.16.24.24.62	
Login	<input checked="" type="checkbox"/> foot
KSQLKKW	<input checked="" type="checkbox"/> basket
MOT DE PASSE	
*****	<input type="checkbox"/> volley
MONTANT A PAYER	<input type="checkbox"/> penalty
0. D	
Adresse	
ELMALMIAYOUB@GMAIL.COM	
sex <input checked="" type="radio"/> HOMME <input type="radio"/> femme	
<input type="button" value="AJOUTER ENREJ"/> <input type="button" value="AJOUTER UNE TABLE"/> <input type="button" value="MODIFIER"/> <input type="button" value="SURPRIMER"/> <input type="button" value="AFFICHER TABLE"/> <input type="button" value="AFFICHER AVEC PRE STA"/> <input type="button" value="FERMER"/>	

